WATER DATA SHEET

Date: _____ Revised: _____ JCC Case: _____

I. GENERAL INFORMATION:

a. Project Name: _____

b. Project Address: _____

c. Developer: _____

d. Submitted By: _____

e. Contact Person: _____

f. Address: _____

_____

g. Phone: _____ Fax: _____ Email: _____

II. DESIGN INFORMATION:

a. Source of Water: _____

b. Flow Information:

Type of Development	Number of Units	Flow (GPD/Unit)	Flow Duration (Hr)	Total Flow (GPD)
Totals				

Type of Development	Irrigation Demand (gpm)	Average Day Demand (gpm)	Maximum Day Demand (gpm)	Peak Hour Demand (gpm)
Totals				

c. Hydraulic Analysis: Peak Hour Demand (gpm) + Irrigation Demand (gpm):
_____ @ _____ psi > 40 psi (Node _____)
(Attach a hydraulic analysis that supports the above flow and pressure results)

WATER DATA SHEET (continued)

Date: _____ Revised: _____ JCC Case: _____

Project Name: _____

Project Address: _____

III. **FIRE FLOW INFORMATION:**

a. Actual Fire Flow Test Information: *(Attach a copy of fire flow test with this form.)*

Date Performed: _____ Nozzle Size: 2-1/2 inch

Hyd. No. _____ Static _____ psi Residual _____ psi

Hyd. No. _____ Pitot _____ psi Flow _____ gpm

Hyd. No. _____ Pitot _____ psi Flow _____ gpm

Hyd. No. _____ Pitot _____ psi Flow _____ gpm

Residual Flow _____ gpm

Calculated Flow @ 20 psi _____ gpm

b. Fire flow to support this project per JCSA Criteria Section 2.11: _____ gpm @ 20 psi

c. Fire flow to support this project per JCC Fire Department (provide supporting documentation if different from the JCSA fire flow standards above) _____ gpm @ 20 psi

d. Hydraulic Analysis: Fire Flow + Maximum Day Demand + any applicable irrigation demands:

_____ gpm @ _____ psi. > 20 psi (Node_____)
(Attach a hydraulic analysis that supports the above flow and pressure results)

e. Number of existing fire hydrants: _____

f. Number of proposed fire hydrants: _____

NOTE: A maximum single flow from any fire hydrant shall not exceed 1,000 gpm.

Fire Department Approval (County use only):

Approved by:_____ Date:_____

WATER DATA SHEET (continued)

IV. WATER DISTRIBUTION INFORMATION:

a. Water Distribution Piping (Include Fire Hydrant piping. Exclude service lines smaller than 4-inch):

Pipe Diameter (Inches)	Pipe Length (Feet)	Material Type (DI, PVC, etc)
Totals		

b. Water Meter Assemblies (include SDCV water meters as a separate line item):

Water Meter Size (Inches)	Quantity

Note: Water meter sizing for commercial site plans shall be calculated using the International Plumbing Code as adopted and amended by the Uniform Statewide Building Code (latest edition) for fixture counts and flow values and the AWWA Manual – M22 for water meter size based on the calculated flow rates. Meter sizing shall be based on 80% meter capacity unless approved otherwise by JCSA. Provide a copy of the water meter sizing calculations with this form. Submit calculations which verify the existing or proposed water service line velocities do not exceed 5 feet per second based on the peak hour demand.

c. Casing Pipe:

Diameter _____ (Inches),Length _____ (Feet)